UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11
Indianapolis, Indiana 46278

FIRST AMENDMENT TO THE JUNE 1980 CLASSIFICATION AND CORRELATION OF THE SOILS OF CLAY COUNTY, INDIANA

OCTOBER 2005

This amendment results from digitizing the Clay County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 1998.

AMENDMENT NO. 1

Page 5 - Addition
-Map Unit Symbol and Name: W - Water

Add the map unit symbol name "W - Water" for water areas less than 40 acres in size and water areas more than 40 acres in size.

Page 8 – Replace the 37A dated 3/75, with the attached Indiana Official 37A for Compilation, Digitizing, and DMF, Revised June 30, 2004.

Only the following standard soil survey features will be shown on the legend and placed on the digitized soil maps:

Feature	Name	Description
ESB	Escarpment, bedrock	A relatively continuous and steep slope or cliff, which was produced by erosion or faulting, that breaks the general continuity of more gently sloping land surfaces. Exposed material is hard or soft bedrock.
ESO	Escarpment, nonbedrock	A relatively continuous and steep slope or cliff, which generally is produced by erosion but can be produced by faulting, that breaks the continuity of more gently sloping land surfaces. Exposed earthy material is nonsoil or very shallow soil.
GUL	Gully	A small channel with steep sides cut by running water through which water ordinarily runs only after a rain, or after ice or snow melts. It generally is an obstacle to wheeled vehicles and is too deep to be obliterated by ordinary tillage.
LVS	Levee	An embankment that confines or controls water, especially one built along the banks of a river to prevent overflow of lowlands. Levees built according to COE standards.

Feature	Name	Description
MAR	Marsh or swamp	A water saturated, very poorly drained area, intermittently or permanently covered by water. Sedges, cattails, and rushes dominate marsh areas. Trees or shrubs dominate swamps. Typically 0.2 to 2 acres.
ROC	Rock outcrop	An exposure of bedrock at the surface of the earth. Not used where the named soils of the surrounding map unit are shallow over bedrock or where "Rock outcrop" is a named component of the map unit. Typically 0.2 to 2 acres.
SAN	Sandy spot	A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically 0.2 to 2 acres.
ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 0.2 to 2 acres.
SLP	Short, steep slope	Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.
SNK	Sinkhole	A closed depression formed either by solution of the surficial rock, or by collapse of underlying caves. Complexes of sinkholes in carbonate-rock terrain are the main components of karst topography. Typically 0.2 to 2 acres.
WET	Wet spot	Somewhat poorly drained to very poorly drained area that is at least 2 drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 to 2 acres.

Only the following ad hoc features will be shown on the legend and placed on the digitized soil maps:

Label	**Symbol_ID**	**Name**	**Description**
VMS	4	Vegetated mine spoil	Area of vegetated mine spoil and includes small areas of Fairpoint soils. Typically 0.2 to 2 acres.
EAS	5	Extremely acid mine spoil	Area of extremely acid mine spoil. Typically 0.2 to 2 acres.
UWT	44	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year. Typically 0.2 to 2 acres.

Indiana Official 37A For
Compilation, Digitizing, and DMF
Revised June 30, 2004

Soil Survey Area: CLAY

State: Indiana

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

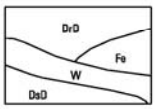
U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Date: OCTOBER 2005

DESCRIPTION	SYMBOL

SOIL SURVEY FEATURES

SOIL DELINEATIONS AND LABELS



STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES

- Bedrock escarpment
- Nonbedrock escarpment
- Gully
- Levee
- Short steep slope
- Blowout
- Borrow pit
- Clay spot
- Closed depression
- Gravel pit
- Gravelly spot
- Landfill
- Marsh or swamp
- Mine or quarry
- Rock outcrop
- Sandy spot
- Severely eroded spot
- Sinkhole
- Slide or slip
- Spoil area
- Stony spot
- Very stony spot
- Wet spot

AD HOC FEATURES (Describe on back)

LABEL	SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL
DCS	1		CRO	23	
DKS	2		MIA	24	
OVW	3		CGM	25	
VWS	4		HIL	26	
SAS	5			27	
MAS	6		SID	28	
SAS	7			29	
CAF	8		WUC	30	
CAL	9			31	
SLR	10			32	
DUM	11			33	
BRV	12			34	
BRM	13		MRL	35	
BRD	14			36	
OBR	15			37	
SSR	16		SAM	38	
LBR	17			39	
WDP	18		VSE	40	
SBR	19			41	
COB	20			42	
CNS	21			43	
FES	22		UNT	44	

DESCRIPTION	SYMBOL

CULTURAL FEATURES (Optional)

BOUNDARIES

- National, state or province
- County or parish
- Minor civil division
- Reservation (Military)
- Land grant (Optional)
- Field sheet matchline and neatline
- Public Land Survey System Section Corner Tics

GEOGRAPHIC COORDINATE TICK

ROAD EMBLEMS

- Interstate
- Federal
- State

LOCATED OBJECTS

Airport (Label only) — Davis Airport or Airstrip

DESCRIPTION	SYMBOL

HYDROGRAPHIC FEATURES (Optional)

- Drainage end (indicates direction of flow)
- Unclassified stream

Pages 15-16 – Replace the Classification of the Soils table with the following:

Clay County, Indiana
Classification of the Soils
(An asterisk in the first column indicates a taxadjunct to the series.)

Soil name	Family or higher taxonomic class
*Alvin	Coarse-loamy, mixed, superactive, mesic Ultic Hapludalfs
*Ava	Fine-silty, mixed, superactive, mesic Aquic Fragiudalfs
Ayrshire	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs
Berks	Loamy-skeletal, mixed, active, mesic Typic Dystrudepts
Bloomfield	Sandy, mixed, mesic Lamellic Hapludalfs
Bonnie	Fine-silty, mixed, active, acid, mesic Typic Fluvaquents
*Chagrin	Coarse-loamy, mixed, active, mesic Dystric Fluventic Eutrudepts
Chetwynd	Fine-loamy, mixed, semiactive, mesic Typic Hapludults
Cincinnati	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Cincinnati Variant	Fine-silty, mixed, active, mesic Typic Fragiudults
Cory	Fine-silty, mixed, superactive, mesic Mollic Endoaqualfs
Evansville	Fine-silty, mixed, superactive, nonacid, mesic Typic Endoaquepts
Fairpoint	Loamy-skeletal, mixed, active, nonacid, mesic Typic Udorthents
Gilpin	Fine-loamy, mixed, active, mesic Typic Hapludults
*Henshaw	Fine-silty, mixed, active, mesic Aquultic Hapludalfs
Hickory	Fine-loamy, mixed, active, mesic Typic Hapludalfs
*Hickory	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Hoosierville	Fine-silty, mixed, superactive, mesic Typic Epiaqualfs
Iva	Fine-silty, mixed, superactive, mesic Aeric Endoaqualfs
Lobdell	Fine-loamy, mixed, active, mesic Fluvaquentic Eutrudepts
Lyles	Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
Montgomery Variant	Fine-silty, mixed, active, mesic Typic Endoaquolls
*Muren	Fine-silty, mixed, superactive, mesic Aquultic Hapludalfs
Newark	Fine-silty, mixed, active, nonacid, mesic Fluventic Endoaquepts
Nolin	Fine-silty, mixed, active, mesic Dystric Fluventic Eutrudepts
*Parke	Fine-silty, mixed, active, mesic Typic Hapludults
Peoga	Fine-silty, mixed, superactive, mesic Typic Epiaqualfs
Petrolia	Fine-silty, mixed, superactive, nonacid, mesic Fluvaquentic Endoaquepts
Pike	Fine-silty, mixed, active, mesic Ultic Hapludalfs
*Princeton	Fine-loamy, mixed, active, mesic Typic Hapludults
Shoals	Fine-loamy, mixed, superactive, nonacid, mesic Fluventic Endoaquepts
Steff	Fine-silty, mixed, active, mesic Fluvaquentic Dystrudepts
Stendal	Fine-silty, mixed, active, acid, mesic Fluventic Endoaquepts
*Stonelick	Coarse-loamy, mixed, superactive, nonacid, mesic Typic Udifluvents
Vigo	Fine-silty, mixed, active, mesic Typic Glossaqualfs
Wellston	Fine-silty, mixed, active, mesic Ultic Hapludalfs
*Wilbur	Fine-silty, mixed, superactive, mesic Fluvaquentic Eutrudepts
Zipp	Fine, mixed, active, nonacid, mesic Typic Endoaquepts

The *Hickory taxadjunct is for map units HcD, HcD3 and HcF.

CLAY COUNTY, INDIANA AMENDMENT NO. 1

Approval Signatures and Date

_____	_____	_____	_____
TRAVIS NEELY	Date	JANE E. HARDISTY	Date
State Soil Scientist/MLRA Leader		State Conservationist	
Indianapolis, Indiana		Indianapolis, Indiana	